

This table includes potential funding sources for education and outreach, bycatch reduction, monitoring, research of many kinds, habitat restoration, cooperative research, and coordination between NMFS and co-managers. See websites listed for details.

Topic	Details	Frequency	Amount	Granter
<i>Outreach and Education</i>	Projects that enhance fish populations including: (1) engaging anglers in data collection, (2) enhancing marine habitats, and (3) educating anglers about barotrauma.	May 1 deadline, annually	\$500 - \$5000	West Marine <a href="http://www.westmarine.com/webapp/wcs/stores/servlet/PressRoomView?langId=1&amp;storeId=11151&amp;catalogId=10001&amp;nav=LeftNav&amp;page=Press-Release-2013-03-06">http://www.westmarine.com/webapp/wcs/stores/servlet/PressRoomView?langId=1&amp;storeId=11151&amp;catalogId=10001&amp;nav=LeftNav&amp;page=Press-Release-2013-03-06</a>
	Marine debris prevention, education, and outreach partnership projects. Eligible applicants are institutions of higher education, non-profits, for-profit organizations, regional fishery management councils / commissions, state, local, and Indian tribal governments.	October deadline for letter of intent, January deadline for proposal	\$15,000 - \$100,000	NOAA Fisheries Marine Debris Program <a href="http://marinedebris.noaa.gov/opportunity.html?oppId=279133">http://marinedebris.noaa.gov/opportunity.html?oppId=279133</a>
	Projects may vary in scope from interpreting historic or cultural resources in NOAA's care to capturing oral histories of employees or constituents.	November deadline, annually	\$12,000	NOAA Preserve America Grant <a href="http://www.preserveamerica.noaa.gov">www.preserveamerica.noaa.gov</a>
	Five major types of projects are funded: (1) habitat projects activities that restore and/or preserve fish/wildlife habitat, (2) research projects that increase knowledge of fish / wildlife species, (3) education projects that inform or provide hands-on experience to enhance understanding of fish / wildlife and their habitat, (4) facility development projects that provide or enhance access to fish / wildlife related recreational opportunities, (5) artificial production projects that rear and release fish or wildlife for public recreation or to restore populations (all production projects must be pre-approved by WDFW to apply). Individual citizens, non-profits, schools, universities, and political subdivisions, such as conservation districts and tribes may apply.	Every 2 years, starting with 2015-2017 grant round. Check website for application deadlines (the 2015 deadline was February 28)	Variable. In the 2015-2017 grant round \$1.36 million was available. The program strives to make funds available to a large number of grantees.	WDFW Aquatic Lands Enhancement Account (ALEA) Volunteer Cooperative Grant Program <a href="http://wdfw.wa.gov/grants/alea/">http://wdfw.wa.gov/grants/alea/</a>  Further details at: <a href="https://alea.fluidreview.com/">https://alea.fluidreview.com/</a>
<i>Outreach and Education (continued)</i>	EPA is looking to support locally-focused environmental education (EE) projects that increase public awareness and knowledge about environmental issues. Projects should promote environmental stewardship and help develop informed, knowledgeable and responsible citizens in the community(ies) in which the project is located.	April 8, 2016 deadline	Approximately, but no more than, \$91,000	Environmental Education Grants Program, Environmental Protection Agency Details: <a href="http://go.usa.gov/cytgJ">http://go.usa.gov/cytgJ</a> Background: <a href="http://go.usa.gov/3u7Xw">http://go.usa.gov/3u7Xw</a>
<i>Bycatch Reduction</i>	Seek to develop technological solutions and changes in fishing practices to minimize bycatch. Could include	March or April	\$2,500,000 potentially distributed	Bycatch Reduction Engineering Program, NOAA Fisheries

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	barotrauma reduction, bycatch in pot fisheries, derelict nets, etc.	deadline, annually	among different projects	<a href="http://www.nmfs.noaa.gov/by_catch/bycatch_BREP.htm">http://www.nmfs.noaa.gov/by_catch/bycatch_BREP.htm</a>
	WWF holds an International Smart Gear Competition each year, designed to inspire innovative ideas for fishing devices that reduce bycatch.	August deadline usually, annually	\$30,000 grand prize, also have smaller prizes (total prizes are \$65,000)	WWF <a href="http://worldwildlife.org/initiatives/international-smart-gear-competition">http://worldwildlife.org/initiatives/international-smart-gear-competition</a>
				NOAA CRWG (details under Cooperative Research)
				NOAA CRP (details under Cooperative Research)
<i>Research</i>	Research priorities may change year to year. In 2014/2015 priorities included maximizing fishing opportunities and jobs; improving the cost effectiveness and capacity for fishery observations; increasing the supply, quality and diversification of domestic seafood; and improving the quality and quantity of fishery information from U.S. territories.	December 1 deadline, usually annually	Variable	NOAA Saltonstall-Kennedy Grant Program <a href="http://www.nmfs.noaa.gov/mb/financial_services/skhome.htm">http://www.nmfs.noaa.gov/mb/financial_services/skhome.htm</a>
	Research into the persistence and chemical impacts of marine debris. Original, hypothesis-driven projects that address one of these focus areas is the subject of this funding opportunity.	February deadline, annually	\$25,000 - \$200,000	NOAA Marine Debris Program <a href="http://marinedebris.noaa.gov/funding/welcome.html">http://marinedebris.noaa.gov/funding/welcome.html</a>
	Bold, innovative, multi-partner, interdisciplinary ocean exploration projects in the following areas of interest: 1) physical, chemical and biological characterizations of unknown or poorly known regions of the deep ocean, especially areas deeper than 500 m. 2) baseline characterization of marine archaeological resources at any depth; and 3) technology that advances ocean exploration and has application to NOAA related missions.	Pre-proposal October, full proposal due January	\$50,000 - \$1.5 million, depending on appropriations	NOAA Ocean Exploration and Research Program <a href="http://oceanexplorer.noaa.gov/about/what-we-do/funding-opportunities.html">http://oceanexplorer.noaa.gov/about/what-we-do/funding-opportunities.html</a>
<i>Research (continued)</i>	WSG-sponsored research combines scientific excellence and a focus on problems and opportunities that ocean users and managers face, such as resource management, sustainable coastal development, and ecosystem health.	January deadline, annually	Variable	WA SeaGrant <a href="http://wsg.washington.edu/research/index.html">http://wsg.washington.edu/research/index.html</a> Email <a href="mailto:wsggrp@uw.edu">wsggrp@uw.edu</a> to be added to the RFP notification list.

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	Research applications will focus on examining Ocean Acidification (OA) in the context of eutrophication, hypoxia and other stresses in coastal environments. This research will project regional impacts to economically important species and ecosystem services and provide a wider ecosystem context for the single-species studies and carbonate system measurements and monitoring undertaken by NOAA and other agencies.	Variable, last closing date for applications was Oct. 2014	\$300,000- \$500,000 per yr. per proposal for 3 yr. proposals only, total available for 3 yrs. is \$1,500,000	NOAA/ NOS/ NCCOS/ CSCOR  <a href="http://www.grants.gov/web/grants/view-opportunity.html?oppId=259279">http://www.grants.gov/web/grants/view-opportunity.html?oppId=259279</a> Contact Elizabeth Turner 603-862-4680
	The Biological Oceanography Program supports research in marine ecology broadly defined: relationships among aquatic organisms and their interactions with the environments of the oceans or Great Lakes. Projects submitted to the program for consideration are often interdisciplinary efforts that may include participation by other OCE Programs. (for Academia only)	February 15, annually	Variable, recent awards have been as much as \$990,000	National Science Foundation, Biological Oceanography  <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696&amp;org=NSF&amp;sel_org=NSF&amp;from=fund">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696&amp;org=NSF&amp;sel_org=NSF&amp;from=fund</a> Past awards can be seen at link above
	The Chemical Oceanography Program supports research into the chemical components, reaction mechanisms, and geochemical pathways within the ocean and its interfaces with earth and atmosphere. Major emphases: material inputs/ outputs from marine waters; ortho-chemical and biological production and transformation of chemical compounds and phases; and determination of reaction rates and equilibria. Research into chemistry, distribution of inorganic/ organic substances introduced or produced within marine environments including those from estuarine waters to the deep sea encouraged. (for Academia only)	February 15, annually	Variable, recent awards have been as much as \$825,000	National Science Foundation, Chemical Oceanography  <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698&amp;org=NSF&amp;sel_org=NSF&amp;from=fund">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698&amp;org=NSF&amp;sel_org=NSF&amp;from=fund</a> Past awards can be seen at link above
	The Physical Oceanography Program supports research on a range of topics associated with the structure and movement of the ocean, with the way in which it transports, with the way the ocean's physical structure interacts with the biological and chemical processes within it, and with interactions between the ocean and the atmosphere, solid earth and ice that surround it. (for Academia only)	February 15, annually	Variable, recent awards have been as much as \$2,450,000	National Science Foundation, Physical Oceanography  <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12729&amp;org=NSF&amp;sel_org=NSF&amp;from=fund">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12729&amp;org=NSF&amp;sel_org=NSF&amp;from=fund</a>  Past awards can be seen at link above
<i>Research (continued)</i>	Funds work that supports acoustics research and mapping.	Variable	Variable	NOAA Ocean Acoustics Program

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				<a href="http://www.nmfs.noaa.gov/pr/acoustics/">http://www.nmfs.noaa.gov/pr/acoustics/</a>
				WDFW ALEA Volunteer Cooperative Grant Program (details under Outreach and Education)
				NOAA CRWG (details under Cooperative Research)
				NOAA CRP (details under Cooperative Research)
<i>Habitat Restoration</i>	In cooperation with the NOAA Restoration Center, the NOAA Marine Debris Program supports locally driven, community-based marine debris prevention and removal projects. These projects benefit coastal habitat, waterways, and wildlife, including migratory fish.	End of October or early November deadline, annually	\$15,000 - \$250,000	NOAA Fisheries Marine Debris Program  <a href="http://marinedebris.noaa.gov/funding/welcome.html">http://marinedebris.noaa.gov/funding/welcome.html</a>
	Funding priorities for this program include: (1) disposal opportunities: provide collection bins at strategic ports for commercial fishermen to unload gear; (2) regulation: collaborate with state managers to address legal impediments of derelict fishing gear removal; (3) technological innovation: identify, test, and deploy innovations to address accidental introduction of derelict fishing gear into the marine environment and innovations to reduce the effectiveness of gear once lost; and (4) outreach and education: educate the public about the impacts of derelict fishing gear and Fishing for Energy initiatives to make measurable change.	October deadline, annually	\$25,000 - \$150,000	NFWF, NOAA Fisheries Marine Debris Program, Covanta Energy, Schnitzer Steel Industries, Inc.  <a href="http://www.nfwf.org/fishingforenergy/Pages/home.aspx">http://www.nfwf.org/fishingforenergy/Pages/home.aspx</a>
	NOAA's Community-based Restoration Program is currently soliciting applications for restoration projects that use a habitat-based approach to foster species recovery and increase fish production. The funding opportunity will focus on projects that will aid in recovering Endangered Species Act-listed species and rebuilding sustainable fish populations or their prey.	April 6, 2016	\$100,000 - \$5,000,000 over a 1-3 yr. project	NOAA-NMFS Habitat Conservation  <a href="http://www.habitat.noaa.gov/funding/coastalrestoration.html">http://www.habitat.noaa.gov/funding/coastalrestoration.html</a>  <a href="mailto:kate.brogan@noaa.gov">Contact Kate Brogan</a> <a href="tel:301-427-8030">301-427-8030</a>
<i>Habitat Restoration (continued)</i>				WDFW ALEA Volunteer Cooperative Grant Program (details under Outreach and Education)

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				NOAA CRWG (details under Cooperative Research)
				NOAA CRP (details under Cooperative Research)
<i>Cooperative Research</i>	Projects should address areas identified under Section 318 of the MSRA: (1) Collecting data to improve, supplement, or enhance stock assessments, including use of fishing vessels/ acoustics /other marine tech. (Sect. 318(c)(i)); (2) Assessing the amount and type of bycatch or post-release mortality occurring in a fishery (Section 318(c)(ii)); (3) Conducting conservation engineering projects designed to reduce bycatch, including avoidance of post-release mortality, reduction of bycatch in high seas fisheries, and transfer of such fishing techniques to other nations (Section 318(c)(iii)); (4) Identifying habitat areas of particular concern and conducting projects relevant to the conservation of habitat (Section 318(c)(iv)); (5) Collecting and compiling economic and social data (Section 318(c)(v)).	October deadline, annually	\$20,000-\$200,000	Cooperative Research Working Group (CRWG), NOAA Fisheries  <a href="http://www.nmfs.noaa.gov/by_catch/docs/cooperative_research_working_group_tor.pdf">http://www.nmfs.noaa.gov/by_catch/docs/cooperative_research_working_group_tor.pdf</a> Internal NOAA grant; document saved to shared drive Proposal should be sent to Keith Bosley
	Fisheries Innovation Fund: supports a variety of projects focusing on sustainable fisheries through community programs, innovations in gear, etc.	October deadline, annually	\$50,000-\$200,000 which can be used over 2 years	NFWF, NOAA Fisheries, Moore Foundation, and Walton Foundation.  <a href="http://www.nfwf.org/Pages/fisheriesfund/home.aspx#.Uctg48rotRw">http://www.nfwf.org/Pages/fisheriesfund/home.aspx#.Uctg48rotRw</a>
	Funded by Congress, the CRP allows scientists and fishermen to work together to improve understanding of the complex interactions between fishery resources and fishing practices. Program projects cover a range of research topics, including bycatch reduction. Awarded regionally.	Variable	Variable	Cooperative Research Program (CRP), NOAA Fisheries  <a href="http://www.st.nmfs.noaa.gov/cooperative-research/index">http://www.st.nmfs.noaa.gov/cooperative-research/index</a>
				NOAA-NMFS (MARFIN) (details under Other – Species Recovery)
<i>Monitoring</i>				NOAA CRWG (details under Cooperative Research)

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				NOAA Saltonstall-Kennedy Grant Program (see details under Research)
<i>Other (Species Recovery)</i>	Species Recovery grants to States and Tribes may support management, research, monitoring, and outreach activities that provide direct conservation benefits to listed species, recently de-listed species, and proposed and candidate species that reside within a given state.	October deadline, annually	Variable	NOAA section 6 Funds to States and Tribes <a href="http://www.nmfs.noaa.gov/pr/conservation/states/grant.htm">http://www.nmfs.noaa.gov/pr/conservation/states/grant.htm</a> Apply to Grants.gov.
	The Marine Fisheries Initiative (MARFIN) is a competitive Federal assistance program that funds projects seeking to optimize research and development benefits from U.S. marine fishery resources through cooperative efforts involving the best research and management talents to accomplish priority activities. Projects funded under MARFIN provide answers for fishery needs covered by the NMFS Strategic Plan, available from NMFS, particularly those goals relating to: rebuilding over-fished marine fisheries, maintaining currently productive fisheries, and integrating conservation of protected species and fisheries management. Funding priorities for MARFIN are formulated from recommendations received from non-scientific and technical experts and from NMFS research and operations officials. No preference between short and long-term projects.	Variable, last deadline was October 2014	Up to \$525,000	NOAA-NMFS (MARFIN)  <a href="http://www.grants.gov/web/grants/view-opportunity.html?oppId=258831">http://www.grants.gov/web/grants/view-opportunity.html?oppId=258831</a>  Contact Robert Sadler 727-551-5760
				NOAA-NMFS Habitat Conservation (details under Habitat Restoration)
				WDFW ALEA Volunteer Cooperative Grant Program (details under Outreach and Education)